

DECLARATION OF PERFORMANCE

(According to regulation EU No

305/2011) No. Plate S275JR

Plate S275JR / 1.0044 according EN 10025-2

To be used in-welded, bolted and riveted structures

Tomrods Limited

Hambleton Steel Works, York Road,

Thirsk, YO7 3BT.

Tel: +44 (0)1845 528200

Website: www.tomrods.co.uk

View DoP: www.tomrods.co.uk/standards/downloads

CE Marking Notified Body (No. 2773)

Steel Construction Certification Scheme

4 Whitehall Court, Westminster

London, SW1A 2ES

Tel: 020 7839 8566

Website: www.steelconstruction.org

System of assessment and verification of constancy of performance of the product:

System 2+

Steel Construction Certificate Scheme has performed (i) initial inspection of the manufacturing plant and factory product control and (ii) continuous surveillance, assessment and evaluation of factory production control and issued Factory Production Control certificate 2773-CPR-0141.



John Thompson
Managing Director
Tomrods Limited

Date:
4th May 2014

Essential Characteristic	Performance		Harmonised Technical Specification		
Tolerance on dimensions and shape	Thickness		EN 10029		
	Flatness		EN 10029		
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=			
	-	16	275		
	16	40	265		
	40	63	255		
	63	80	245		
Tensile strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=	min	max	
	5	100	410	560	
	100	150	400	540	
	Elongation (transverse)	Nominal thickness (mm)		Values Min (% $5.65\sqrt{s_0}$)	
		>	<=		
5		40	21		
40		63	20		
63		100	19		
Impact strength (longitudinal)	JR		27J @ +20°C		
	J0		27J @ 0°C		
	J2		27J @ -20°C		
Weldability CEV	Nominal thickness (mm)		Values Max (%)		
	>	<=			
	-	40	0.40		
	40	150	0.42		
Durability	Nominal thickness (mm)		Values Max (%)		
	-	<=40	C:	0.21	
			Mn:	1.50	
			P:	0.035	
			S:	0.035	
			N:	0.012	
			Cu:	0.55	
	>40	150	C:	0.22	
			Mn:	1.50	
			P:	0.035	
			S:	0.035	
			N:	0.012	
			Cu:	0.55	

EN10025-1 2004



2773

Tomrods Limited
Hambleton Steel Works
York Road
Thirsk
YO7 3BT

Plate S275JR

EN 10025-1 - 2004
Plate S275JR / 1.0044

To be used in-welded, bolted and riveted structures
Tolerances on dimensions : Plate EN10029

Elongation:
Tensile Strength:
Yield Strength: EN10025-2
Impact Strength:
Weldability:
Durability:
Dangerous Substances: No Performance Determined